

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



541934



(43) International Publication Date
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number
WO 2004/064442 A1

(51) International Patent Classification⁷: **H04Q 7/38** (74) Agent: Kajsa, Boestad; Ericsson AB, Patent Unit Core Networks Kista, S-164 80 Stockholm (SE).

(21) International Application Number:

PCT/SE2003/000024

(22) International Filing Date: 10 January 2003 (10.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): de GREGORIO, Jesus, Angel [ES/ES]; C/ Hermanos Machado, nr. 4 P3 No2C, E-28660 Boadilla del Monte-Madrid (ES). BARRIGA, Luis [SE/ES]; C/ Costa Brava, nr. 14B, P-4, Piso 6B, E-28034 Madrid (ES). PARDO-BLAZQUEZ, Avelina [ES/ES]; C/ Sombrerete nr. 5-2^a 3^a, E-28012 Madrid (ES). WALKER-PINA, John, Michael [GB/ES]; C/Juan-Martin-El-Empecinado, 9-IC, E-28045 Madrid (ES).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

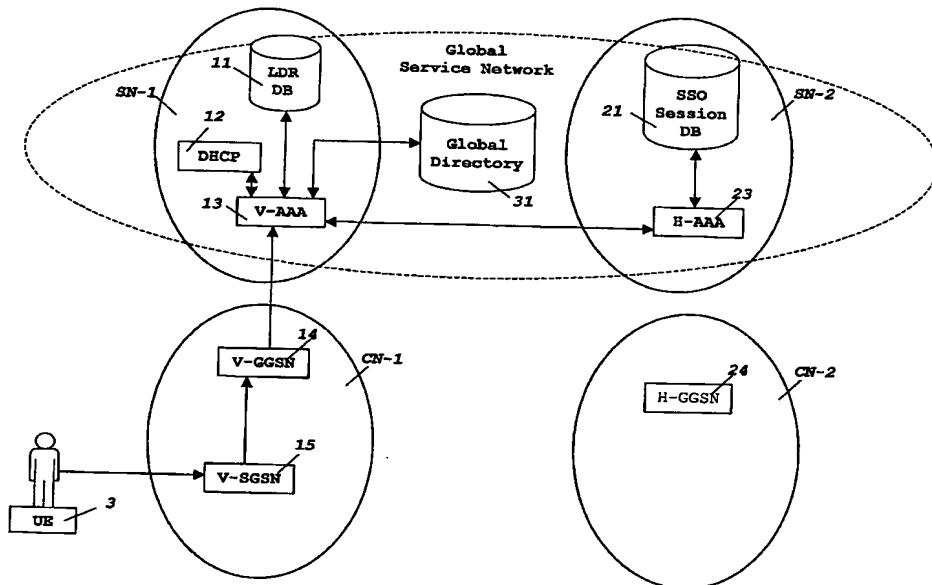
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SINGLE SIGN-ON FOR USERS OF A PACKET RADIO NETWORK ROAMING IN A MULTINATIONAL OPERATOR NETWORK



WO 2004/064442 A1

(57) Abstract: The invention provides a system and a method basically oriented for providing Single Sign-On services for a user roaming in a packet radio network of a Multinational Mobile Network Operator that includes a federation of National Network Operators, one of these National Network Operators holding the user's subscription. In particular, the telecommunications system includes a number of Service Providers having service agreements with the Multinational Mobile Network Operator federation for offering Single Sign-On services to subscribers of any National Network Operator included in the federation.